

NEW AUSTRALIAN LEPIDOPTERA BELONGING TO  
THE FAMILY NOCTUIDÆ.

A. JEFFERIS TURNER, M.D., F.E.S.

Section *Hadeninæ*.

*BOROLIA MICROSTICTA*,\* n.sp.

♀. 28 mm. [Head missing]. Thorax ochreous-whitish. Abdomen whitish. Legs whitish, anterior pair with some fuscous suffusion. Forewings elongate, costa very slightly arched, apex rounded, termen obliquely rounded; ochreous-whitish; a whitish streak along lower edge of cell, continued towards termen along veins 4 and 5; two minute black dots just above this, one in middle and one in end of cell, and a slight fuscous suffusion in bifurcation; a terminal series of black dots; cilia whitish-ochreous. Hindwings with termen sinuate; white; a scanty fuscous suffusion near termen; some fuscous terminal dots; cilia white.

Type in Coll. Turner.

N.Q.: Townsville; one specimen.

Section *Acronyctinæ*.

*TRACHEA ALBIDISCA*.

Q.: Brisbane; one example in the Queensland Museum.

*EUPLEXIA POLYCYMETA*.

N.S.W.: Lawson, Blue Mountains. The locality given by Hampson (Cat. Lep. Phal. vii. p.248) is incorrect.

*PERIGEA AROANA*.

*Perigea aroana* Bak., Nov. Zool. xiii. p.194 (1906).

*Perigea confundens* Hmps., Cat. Lep. Phal. vii. p. 331., nec Wlk., Char. Undesc. Lep. p.69.

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\* *μικροστικτος*, with small spots.

N.Q.: Thursday Island, Cairns, Atherton, Townsville—Q.: Brisbane. Also from New Guinea.

*ERIOPIUS TRILINEATA.*

Q.: Brisbane.

*ERIOPIUS MAILLARDI.*

N.Q.: Townsville.

*AUCHA TRIPHÆNOIDES.*

The West Australian locality is an error.

*HYPOPERIGEA HÆMORRHANTA*, \* n.sp.

♂. 28 mm. Head and thorax dark fuscous mixed with pale reddish. Frons very prominent, with a central acute process surrounded by a circular groove and outer ridge. Palpi 1, slender, porrect; ochreous. Antennæ whitish-ochreous; in ♂ with short ciliations ( $\frac{1}{2}$ ) and longer bristles (1). Abdomen pale ochreous irrorated with fuscous; a pale fuscous tuft on basal segment. Legs whitish-ochreous mixed with fuscous. Forewings elongate-triangular, costa nearly straight, apex round-pointed, termen bowed, oblique; dark fuscous mixed with pale red; an obscure dentate transverse line at  $\frac{1}{4}$ ; a similar line just beyond middle, traversing a reddish spot, which appears to represent reniform; a suffused reddish streak along fold; terminal area paler, and bounded anteriorly by an obscure dentate line; a strongly crenate dark fuscous line touching termen on crenations; cilia reddish mixed with fuscous. Hindwings with termen rounded; fuscous; cilia whitish-fuscous.

Type in Coll. Turner.

Q.: Adavale (far west); in March; one specimen.

*PROMETOPUS PASSALOTA* †, n.sp.

♀. 26 mm. Head and palpi dark fuscous mixed with whitish. Thorax dark fuscous; tegulæ with anterior edge brownish,

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\* *αἱμορραγτος*, blood-stained.

† *πασσαλοτος*, peg-marked.

posterior edge whitish. Abdomen pale fuscous, apices of segments whitish-ochreous. Legs dark fuscous mixed with whitish; posterior pair mostly whitish. Forewings elongate-triangular, costa gently arched, apex rounded, termen obliquely rounded; dark fuscous with a few brownish scales; a blackish streak from base along fold to  $\frac{1}{4}$ ; a small circular ochreous spot, representing orbicular, at  $\frac{1}{4}$ , contained in a wedge-shaped blackish streak with apex anteriorly; this streak is abruptly followed by a wedge-shaped ochreous blotch, its apex at  $\frac{5}{6}$  and its posterior edge finely dentate; a terminal paler brownish-fuscous fascia limited anteriorly by a wavy line; cilia brownish-fuscous with obscure darker bars. Hindwings with termen rounded, slightly wavy; fuscous; cilia whitish with a fuscous basal line not reaching tornus. Underside of forewings fuscous; of hindwings whitish with a central fuscous dot and apical fuscous blotch.

Type in Coll Turner.

V.: Birchip; in April; one specimen received from Mr. D. Goudie.

#### Section *Stictopterinae*.

##### GYRTONA LOPHOTA,\* n.sp.

♂. 22 mm. Head, palpi, and thorax fuscous-brown. Antennæ dark fuscous. Abdomen fuscous. Legs fuscous-brown with whitish annulations. Forewings elongate, posteriorly strongly dilated, apex rounded, termen scarcely oblique, rounded beneath; fuscous-brown irregularly mixed with whitish; a roundish dark spot on base of costa; several transverse lines in basal  $\frac{1}{4}$ , the last being occupied by a very prominent ridge-like crest in disc; median area of disc suffused with whitish containing several indistinct transverse lines, this suffusion prolonged to tornus and lower part of termen; two closely parallel dentate fuscous-brown lines at  $\frac{3}{4}$ , succeeded by a similar single line; a dark apical blotch traversed by a whitish dentate subterminal line; an interrupted brown line close to termen; cilia brown-whitish. Hindwings with termen wavy; fuscous, towards base whitish; cilia whitish with a fuscous basal line.

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\* λοφωτος, crested.

Type in Coll. Turner.

N.Q.: Kuranda; in September and December; two specimens received from Mr. F. P. Dodd.

#### Section *Sarrothripinæ*.

##### *SARROTHRIPA ABSTRUSA*,\* n.sp.

♀. 22 mm. Head fuscous. Palpi  $3\frac{1}{2}$ ; fuscous with white irroration. Antennæ dark fuscous. Thorax and abdomen pale fuscous. Legs fuscous mixed with whitish; posterior pair whitish. Forewings oblong, costa strongly arched at base, thence nearly straight to near apex, apex rounded, termen obliquely rounded; whitish mixed with brownish-fuscous; a short greenish streak from base of costa parallel to dorsum; a large circular blackish spot in middle of disc near base; five short broad oblique fuscous streaks on costa; from the first of these arises a fine, slightly dentate, fuscous median line to dorsum; from the third a similar postmedian line; some subcostal fuscous suffusion between these lines; a subterminal series of fuscous dots increasing in size towards tornus; an interrupted fuscous terminal line; cilia pale brownish-fuscous. Hindwings with termen slightly sinuate; fuscous; cilia fuscous, apices whitish.

Type in Coll. Turner.

N.Q.: Kuranda; in September; one specimen received from Mr. F. P. Dodd.

#### Section *Acontianæ*.

##### *CACYPARIS MELANOLITHA*,† n.sp.

♂♀. 23-38 mm. Head and thorax ochreous-fuscous with an unctuous gloss. Palpi ochreous. Antennæ fuscous; ciliations in ♂  $1\frac{1}{2}$ . Abdomen deep yellow. Legs ochreous. Forewings oval, costa very strongly arched, apex rounded, termen gently rounded, oblique; ochreous-fuscous; base suffused with unctuous scales; a round crest of black scales on middle of dorsum; an

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\* *Abstrusus*, concealed.

† *μελανολιθος*, black-jewelled.

oblique line of unctuous scales from  $\frac{1}{4}$  costa to mid-termen; two short outwardly oblique similar streaks from costa at middle and  $\frac{3}{4}$ ; an oval black subapical spot outlined with ochreous, and divided by a fine ochreous line into a larger upper and smaller lower segment; cilia ochreous-fuscous with an unctuous basal line. Hindwings with termen rounded; deep yellow; a large roundish dark fuscous spot near apex: cilia yellow.

Type in Coll. Turner.

N.Q.: Kuranda; from October to January; five specimens received from Mr. F. P. Dodd.

### Section Homopterinae.

#### CALLIODES XANTHOPYGA,\* n.sp.

♂. 67 mm. Head, palpi, and antennae reddish-brown; antennal pectinations 3. Thorax fuscous; tegulae reddish-brown. Abdomen dark fuscous at base, apical half ochreous, tuft fuscous at base; underside ochreous. Legs ochreous; anterior and middle tibiae and tarsi fuscous. Forewings triangular, costa moderately arched, apex round-pointed, termen bowed, oblique; fuscous-brown mixed with whitish; a dark fuscous dentate line from costa near base to base of dorsum; a similar roughly parallel line from  $\frac{1}{4}$  costa to  $\frac{1}{5}$  dorsum, forming the anterior edge of a broad median fuscous band; a transversely oval ocellus lies on the posterior edge of this band, outlined with black, internally greenish, containing two black spots united anteriorly by a whitish line; beyond this band is a narrow whitish band containing a dentate brownish line from  $\frac{2}{3}$  costa to  $\frac{3}{5}$  dorsum; an indistinct darker shade beyond this, dentate posteriorly; two parallel crenate fuscous subterminal lines; cilia brownish. Hindwings with termen rounded; dark fuscous-brown; a transverse whitish band; subterminal lines and cilia as forewings. Underside ochreous with large oval median blackish spots, dentate postmedian lines, and suffused fuscous terminal bands on fore and hindwings.

Type in Coll. Turner.

N.Q.: Ingham; one specimen from Mr. McKie's collection.

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\* ξανθοπυγος, yellow-rumped.

## THYAS DICOELA,\* n.sp.

♂. 48 mm. Head, palpi, and thorax fuscous-brown. Antennæ brown; in ♂ minutely ciliated. Abdomen fuscous. Legs fuscous; all femora and tibiæ in ♂ densely clothed with long hairs. Forewings triangular, costa very slightly arched, apex round-pointed, termen bowed, oblique, crenulate; dark fuscous-brown; costal edge paler; a transverse antemedian white fascia, suffused with purple-fuscous towards extremities, sharply defined, both edges evenly concave; a sharply defined pale apical patch with curved outline, ending in a dark apical and smaller subapical tooth; a sharply defined line from middle of apical patch to  $\frac{3}{4}$  dorsum; beyond this disc is paler, becoming whitish towards termen; an indistinct fine whitish dentate subterminal line; a fine fuscous terminal line; cilia pale fuscous. Hindwings with termen rounded, crenulate; fuscous, on termen mixed with whitish; a white streak from  $\frac{2}{3}$  dorsum half across disc; terminal line and cilia as forewings.

From *Thyas constricta* Butl., to which it is allied, this may be distinguished by the narrower fascia of forewing, differently shaped apical blotch, and more hairy legs of ♂.

Type in Coll. Turner.

N.Q.: Cairns; one specimen.

## THYAS CRIMNOPASTA,† n.sp.

♀. 28 mm. Head, thorax, and abdomen fuscous with some whitish irroration. Palpi fuscous; second joint, except at apex, irrorated with whitish-ochreous. Antennæ dark fuscous. Legs fuscous irrorated with whitish. Forewings triangular, costa straight except near apex, apex pointed, termen bowed, oblique, crenulate; fuscous; a basal patch of rather dense white irroration, a similar fascia at  $\frac{1}{3}$ , rather broad, edges irregularly dentate; a dark fuscous line from  $\frac{2}{3}$  costa towards tornus, forming an acute angle in middle, and ending on  $\frac{3}{4}$

\* δικοιλος, biconcave.

† κριμνοπαστος, flour-sprinkled.

dorsum; a band of whitish irroration from costa above this to termen near tornus, and a smaller subapical band confluent with it; a small dark fuscous spot above tornus; cilia fuscous mixed with whitish. Hindwings with termen rounded, crenulate; dark fuscous; a whitish line from dorsum just above tornus to middle of disc; and a shorter whitish suffusion from tornus along termen; cilia fuscous mixed with white, between veins 5 and 7 wholly white. Underside of wings uniformly fuscous except cilia, which resemble upper side.

Type in Coll. Turner.

N.Q.: Townsville; one specimen.

#### Section Noctuinæ.

##### BOCULA ODONTOSEMA,\* n.sp.

♂. 35 mm. Head, palpi, antennæ, thorax, and abdomen pale brownish-ochreous. Antennæ in ♂ with tufts of cilia ( $1\frac{1}{2}$ ). Abdominal tuft in ♂ much exaggerated. Legs fuscous; posterior pair pale ochreous; posterior tibiæ with a dorsal fringe of long hairs in ♂. Forewings broadly triangular, costa scarcely arched, apex rounded, termen long, deeply bowed, dorsum short; pale brownish-ochreous; a median dark fuscous dot towards costa; a sharply defined postmedian dark fuscous blotch, anteriorly rounded, posteriorly with four sharp teeth, the first and third longest; a small suffused apical dark fuscous spot; a terminal series of dark fuscous dots on veins; cilia concolorous. Hindwings of ♂ aborted towards apex with neuration distorted; ochreous-whitish.

Type in Coll. Turner.

N.Q.: Kuranda, in September; one specimen received from Mr. F. P. Dodd.

##### CAPNODES SILIGNIA,† n.sp.

♀. 40 mm. Head pale ochreous, face purple. Palpi long, recurved, second joint reaching vertex, terminal joint nearly as

\* ὀδοντοσημος, tooth-marked.

† σιλιγνιος, floury.

long as second, stout, obtuse; purple mixed with fuscous and whitish, apex whitish. Thorax and abdomen ochreous-fuscous, purplish-tinged; legs fuscous-purple mixed with whitish-ochreous; posterior pair whitish-ochreous; anterior and middle tarsi dark fuscous annulated with white. Forewings triangular, apex pointed, termen strongly bowed, slightly oblique, crenulate; ochreous-fuscous tinged with purplish; traces of a transverse line at  $\frac{1}{5}$ ; two white dots in disc before this line; two white dots on costa near base, and four towards apex; an irregularly dentate line at  $\frac{2}{3}$ , traversing a large whitish suffusion, broadest on dorsum and not reaching costa; short whitish streaks between veins ending in fuscous terminal dots; cilia concolorous. Hindwings with termen rounded, crenulate; colour and cilia as forewings; a suffused whitish blotch above tornus.

Type in Coll. Turner.

N.Q.: Kuranda; in November; one specimen, received from Mr. F. P. Dodd.

*MECODINA ZOPHEROPA*, \* n.sp.

♀. 47 mm. Head, palpi, thorax, abdomen, and legs fuscous-brown. Antennæ fuscous. Forewings elongate-triangular, costa gently arched, apex round-pointed, termen scarcely oblique, bowed, crenulate; fuscous-brown; indications of a dentate transverse line at  $\frac{1}{4}$ ; two whitish dots placed transversely just beyond middle; a postmedian pale fuscous shade traversed by a fine dentate fuscous-brown transverse line; cilia concolorous. Hindwings with termen wavy; fuscous; cilia fuscous.

Type in Coll. Turner.

N.Q.: Kuranda; in December; one specimen received from Mr. F. P. Dodd.

*ZETHES TEPHRAEA*, † n.sp.

♂. 32 mm. Head and thorax grey. Palpi grey mixed with whitish. Antennæ ochreous-whitish. Abdomen grey with white

\* ζοφερωπος, dusky.

† τεφραιός, ashy.



irroration. Legs whitish. Forewings elongate-triangular, costa nearly straight, apex rectangular, termen crenulate, acutely angled on vein 4; ashy-grey with a few scattered fuscous scales; two fine dentate fuscous lines at  $\frac{2}{3}$  and  $\frac{5}{8}$ ; a submarginal series of fuscous dots between veins; a fine fuscous terminal line; cilia grey. Hindwings with termen crenulate, not rounded; colour and markings as forewings.

Type in Coll. Turner.

N.Q.: Kuranda; in October; one specimen received from Mr. F. P. Dodd.

#### ZETHES SHIVULA.

*Marmorinia shivula* Gn., Noct. iii., p.372.

*Zethes xylochroma* Wlk., Cat. Brit. Mus. xv., p.1525.

*Egnasia grisangula* Hmps., Ill. Het. viii., p.90.

*Zethes adoxopis* Turn., Trans. R. Soc. S. Aust. 1908, p.68.

#### Section **Erastrianae**.

##### ERASTRIA CLANDESTINA\*, n.sp.

♂. 26 mm. Head, palpi, and thorax brownish-fuscous. Antennæ fuscous; in ♂ thickened and pale ochreous beneath with very short ciliations ( $\frac{1}{4}$ ). Abdomen fuscous; with crests on dorsum of four basal segments. Legs brownish-fuscous; posterior pair paler. Forewings elongate-triangular, costa gently arched, apex rounded, termen obliquely rounded; brownish-fuscous; a thick, broken, transverse, dark fuscous line near base; indications of two very fine dentate postmedian lines, partly edged with whitish, but for the most part not traceable; cilia brownish-fuscous with a basal series of minute whitish dots. Hindwings with termen rounded; grey; cilia grey.

Type in Coll. Turner.

N.Q.: Kuranda; in September; one specimen received from Mr. F. P. Dodd.

##### TARACHE XUTHOSOMA, † n.sp.

♂♀. 15-18 mm. Head and palpi pale ochreous-yellow, the latter with some dark fuscous scales. Antennæ fuscous; ciliations in

\* *Clandestinus*, hidden.

† *ξουθοσωμος*, with yellowish body.

♂ minute. Thorax dark fuscous with a pale ochreous-yellow central spot; tegulæ pale ochreous-yellow with dark fuscous centre. Abdomen pale ochreous-yellow. Legs fuscous; posterior pair whitish. Forewings triangular, costa gently arched, apex rounded, termen bowed, oblique; white, markings dark fuscous; a triangular spot at base of costa; a broad fascia at  $\frac{1}{3}$ , narrowing on dorsum, its centre with some white suffusion; a curved post-median line in disc not reaching either margin; a broad fascia just beyond this, its posterior edge showing two broad projections above and below middle, the former more prominent; a terminal series of oval dots; cilia white. Hindwings with termen rounded; fuscous; cilia whitish.

*Var.*—White markings largely suffused with dark fuscous (Port Darwin).

Type in Coll. Turner.

N.A.: Port Darwin—N.Q.: Stannary Hills, Kuranda; in March and July; five specimens.

TARACHE PINODES,\* n.sp.

♂. 16 mm. Head, palpi, thorax, and abdomen fuscous. Antennæ fuscous; ciliations in ♂  $\frac{2}{3}$ . Legs fuscous irrorated, and tarsi annulated, with ochreous-whitish. Forewings elongate-triangular, costa slightly arched, apex round-pointed, termen slightly bowed, oblique; pale fuscous; markings dark fuscous irregularly edged with pale reddish-brown; a wavy transverse line at  $\frac{1}{4}$ ; a line from mid-costa to  $\frac{3}{4}$  dorsum; a line from  $\frac{3}{4}$  costa curved first outwards and then inwards to join preceding line; a circular whitish orbicular spot between first and second lines; a whitish reniform spot following second line; a spot on costa beyond third line; some longitudinal pale reddish-brown streaks between third line and termen; a dark fuscous terminal line; cilia fuscous, apices whitish. Hindwings with termen sinuate; grey; cilia whitish with a grey basal line.

Type in Coll. Turner.

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\* *πινωδης*, squalid.

N.A.: Port Darwin; in January—N.Q.: Townsville; in January; two specimens received from Mr. F. P. Dodd.

*CORGATHA ANTHINA*,\* n. sp.

♂. 18-20 mm. Head and thorax ochreous-fuscous. Palpi ochreous-fuscous irrorated with white. Antennæ whitish-grey; ciliations in ♂  $\frac{1}{2}$ . Abdomen pale ochreous, with some reddish irroration on dorsum of basal segments. Legs pale fuscous irrorated with white; posterior pair reddish irrorated with white. Forewings triangular, costa slightly arched, apex pointed, termen angled on vein 4, somewhat excavated above and below angle; reddish; costa suffused with fuscous; four somewhat dentate fuscous transverse lines, first from  $\frac{1}{4}$  costa to  $\frac{1}{4}$  dorsum, second from  $\frac{2}{5}$  costa to  $\frac{2}{5}$  dorsum; third from  $\frac{2}{3}$  costa to  $\frac{3}{5}$  dorsum, angulated in disc, and with a few whitish scales on posterior edge; fourth subterminal, rather indistinct; white dots on costa at origins of second, third, and fourth lines; a short transverse fuscous linear mark in disc between second and third lines; a fuscous terminal line; cilia orange-yellow, on costa, apex and angle reddish. Hindwings with termen scarcely rounded; as forewings but with one basal line and a median fuscous fascia.

*Var.*—All fuscous markings nearly obsolete; forewings ochreous-grey contrasting with reddish hindwings; white dots on third transverse line well marked.

Type in Coll. Turner.

Q.: Toowoomba; in January (type): Bunya Mountains; in December (var.): two specimens.

*MICRÆSCHUS NIVICEPS*,† n. sp.

♂. 14 mm. Head snow-white, posterior part reddish; face and palpi brownish-ochreous. Antennæ white; ciliations in ♂  $1\frac{1}{2}$ . Thorax and abdomen reddish. Legs whitish-ochreous. Forewings triangular, costa straight to near apex, apex acute, termen

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\**ἀνθίμος*, flowery.

†*Niviceps*, with snow-white head.

strongly bowed, oblique; reddish; costa suffused with fuscous; a reniform fuscous spot beneath mid-costa; a fine dentate postmedian line from  $\frac{2}{3}$  costa outwards, then angled to dorsum near middle; a fuscous terminal line; cilia reddish. Hindwings with termen rounded; as forewings.

*Var.*—Whole of disc between postmedian line and termen of both wings suffused with fuscous.

Type in Coll. Turner.

N.Q.: Kuranda; in December; two worn specimens received from Mr. F. P. Dodd.

EUBLEMMA LOXOTOMA\*, n.sp.

♂♀. 25-28 mm. Head and palpi ochreous-fuscous. Antennæ ochreous-fuscous, towards apex dark fuscous. Thorax whitish-grey tinged with purple. Abdomen ochreous-fuscous. Legs ochreous-fuscous; tarsi with narrow white annulations. Forewings triangular, costa straight, apex acute, termen bowed, slightly oblique, slightly crenulate; whitish-grey tinged with purple; an ochreous-fuscous straight streak from apex to mid-dorsum, preceded by some ochreous-fuscous suffusion in disc; costal edge ochreous; three fine ochreous-fuscous lines; first dentate, outwardly curved, at  $\frac{1}{4}$ ; second straight, from mid-costa very obliquely outwards to streak; third from  $\frac{3}{4}$  costa parallel to second as far as streak, thence continued as an irregularly dentate line to  $\frac{3}{4}$  dorsum; fine lines along veins between this and termen; a fine terminal line; cilia ochreous-fuscous, apices purple-fuscous. Hindwings with termen slightly rounded; colour as forewings; streak represented by an antemedian line; an evenly dentate fine subterminal line.

Closely allied to *E. versicolor* Wlk., of which it might be taken for a variety; but, in addition to the larger size and different coloration, the subterminal lines, especially of the hindwings, are more evenly dentate.

Type in Coll. Turner.

N.Q.: Townsville; in July; two specimens received from Mr. F. P. Dodd.

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\* λοξοτομος, obliquely divided.

## EUBLEMMA APLECTA,\* n.sp.

♀. 22 mm. Head and thorax whitish-grey. Palpi fuscous; internal and upper surface of second joint whitish-grey. Antennæ whitish-grey. Abdomen grey. Legs whitish-grey; posterior pair whitish. Forewings triangular, costa straight, apex obtuse, termen strongly bowed in apical half, slightly oblique; whitish-grey with some brownish-ochreous irroration; costa brownish-ochreous; an obscure fuscous apical spot; cilia whitish-grey [abraded]. Hindwings with termen rounded; pale grey with slight ochreous tinge; cilia whitish-grey.

Type in Coll. Turner.

Q.: Gympie; in April; one specimen.

## ZOPHOCHROA PSOLOESSA,† n.sp.

♂. 20 mm. Head and thorax dark fuscous. Palpi  $2\frac{1}{2}$ ; dark fuscous. Antennæ fuscous; pectinations in ♂ 6. Abdomen fuscous; a dark fuscous crest on dorsum of basal segment. Legs fuscous. Forewings triangular, costa scarcely arched, apex rounded, termen bowed, oblique; dark fuscous; an ochreous-whitish dot in disc at  $\frac{1}{4}$ ; a dentate blackish line at  $\frac{2}{3}$ , its posterior edge partly outlined with ochreous-whitish, which forms a distinct spot on dorsum; a subterminal series of minute ochreous-whitish dots; cilia dark fuscous. Hindwings with termen rounded; fuscous: cilia fuscous.

Type in Coll. Turner.

N.Q.: Kuranda, in October; two specimens received from Mr. F. P. Dodd.

Section **Hypeninae**.

## Gen. SAROPTILA,‡ n.g.

Frons rounded, not projecting. Tongue well developed. Palpi recurved, second joint stout, appressed to frons, reaching vertex; terminal joint less than  $\frac{1}{2}$  second, rather slender, acute. Antennæ

\* ἀπλεκτος, simple.

† ψολοεις, sooty.

‡ σαροππιλος, brush-winged.

of ♂ evenly ciliated, with a pair of bristles on each joint. Thorax and abdomen smooth, legs normal. Forewings of ♂ with a large tuft of long hairs from cell on undersurface; areole absent, 7 free, 8, 9, 10 stalked. Hindwings of ♂ with a hairy patch on under side; 3 and 4 stalked, 5 straight from rather below middle of cell.

Type, *S. milichias* Turner.

SAROPTILA MILICHIAS,\* n.sp.

♂. 26 mm. Head, palpi, thorax, and abdomen whitish-brown. Antennæ whitish-brown; ciliations in ♂  $1\frac{1}{4}$ , bristles  $2\frac{1}{2}$ . Legs whitish-brown. Forewings triangular, costa gently arched, apex rectangular, termen bowed, slightly oblique; in ♂ with a patch of long hairs from under side of cell, more or less covered by costal expansion of hindwing; whitish-brown; a white dot in middle, and another at end of cell; a slight ferruginous suffusion between second dot and tornus; cilia whitish. Hindwings in ♂ with a large costal expansion and truncate apex, a dense hairy ridge from beyond middle of costa in a straight line nearly to mid-termen; whitish-brown; costal half thinly scaled, whitish, translucent; cilia whitish.

Type in Coll. Turner.

N.Q.: Kuranda; in October; one specimen received from Mr. F. P. Dodd.

SAROPTILA MEGALOSARA,† n.sp.

♂. 25 mm. Head, palpi, thorax, abdomen, and legs fuscous-brown. Antennæ ochreous-whitish with fuscous irrorations; in ♂ ciliations 1, bristles  $1\frac{1}{2}$ . Forewings triangular, costa nearly straight, towards apex wavy; apex acute, termen strongly bowed, scarcely oblique; in ♂ with a patch of very long hairs from cell beneath; fuscous-brown tinged with ferruginous; a whitish dot in middle, and another in end of cell; immediately above the latter a small ferruginous reniform spot; cilia fuscous-whitish-

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\* *μειλιχίος*, gentle.

† *μεγαλοσάρος*, with large brushes.

Hindwing in ♂ with costal expansion, truncate apex, and rounded termen, a round patch of dense moderately long hairs beneath costa a little beyond middle; fuscous-brown, paler towards dorsum; a costal patch bare of scales on upper side only and not extending to apex; cilia fuscous-brown.

Allied to the preceding species, but immediately distinguishable by the differently shaped hairy patch on under side of hindwing.

Type in Coll. Turner.

N.Q.: Kuranda; in April; one specimen received from Mr. F. P. Dodd.

PANILLA DENTILINEA,\* n.sp.

♀. 35 mm. Head and palpi ochreous-whitish mixed with fuscous and reddish. Antennæ fuscous, towards base pale reddish barred with blackish. Thorax and abdomen ochreous-whitish mixed with fuscous and pale reddish. Legs ochreous-whitish, anterior and middle pair suffused, and tarsi annulated, with fuscous, anterior tibiæ irrorated with reddish scales. Forewings triangular, costa scarcely arched, apex rounded, termen bowed, oblique, crenulate; brown-whitish mixed with fuscous, which forms darker markings; some reddish scales near base; a broad ill-defined transverse line near base; a still less distinct line before middle; a fine acutely dentate line, the dentations capped with whitish dots, at  $\frac{2}{3}$ ; a faintly marked pale acutely dentate sub-terminal line; short fuscous longitudinal streaks to termen between veins; cilia ochreous-whitish mixed with fuscous and reddish. Hindwings with termen rounded, crenulate; colour and markings as forewings.

Type in Coll. Turner.

N.Q.: Kuranda, in May; one specimen received from Mr. F. P. Dodd.

CHUSARIS OPISTHOSPILA,† n.sp.

♂♀. 15-16 mm. Head and thorax whitish; face and palpi dark fuscous. Antennæ dark fuscous; ciliations in ♂  $\frac{2}{3}$ . Abdomen

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\* Dentilineus, with toothed line.

† ὀπισθοσπιλος, with posterior spot.

whitish with a few fuscous scales. Legs whitish irrorated with fuscous. Forewings triangular, costa scarcely arched, apex round-pointed, termen bowed, oblique; whitish with dark fuscous markings; a suffused streak along costa to  $\frac{3}{5}$ ; a dot touching this near base; an interrupted transverse line at  $\frac{1}{5}$ ; a suffused fuscous transverse shade before middle, succeeded by a short dark fuscous linear mark in middle; a line from  $\frac{3}{5}$  costa curved strongly outwards and then inwards, ending on  $\frac{3}{5}$  dorsum; an interrupted terminal line; cilia whitish. Hindwings with termen scarcely rounded; whitish; a dark fuscous spot on dorsum above tornus; cilia whitish.

Type in Coll. Turner.

N.Q.: Kuranda; in October and November; three specimens received from Mr. F. P. Dodd.